

REMARKS**I. Status of the Claims:**

Claims 1-58 are pending in this application.

By this Amendment, claims 2, 25, and 47-58 have been canceled without prejudice or disclaimer. Claims 1, 3-5, 8, 9, 14, 15, 24, 26-27, 31, 32, 37, and 38 have been amended. Upon entry of the Amendment, claims 1, 3-24 and 26-46 would be pending. The Applicants believe that no new matter has been introduced by this Amendment. Entry of this Amendment before examination on the merits is respectfully requested.

II. Information Disclosure Statement:

The Office Action indicated that the Information Disclosure Statement filed on December 8, 2003 was not considered due to failure to comply with the provisions of 37 C.F.R. §§1.97, 1.98 and MPEP §609 because wrong Application Serial No. was indicated on the PTO Form 1449. The Applicants resubmit those cited references along with newly cited references in an IDS for the Examiner's consideration.

III. Rejections under 35 U.S.C. § 102:

Claims 1-58 are rejected under 35 U.S.C. § 102(e) as being anticipated by Dutta (US Patent No. 6,718,365).

Claims 1 and 24 is characterized by initiating saving a content of an Internet page displayed by a browser, in response to one click of a single button, and saving the content of the currently displayed page with an assigned index in a predetermined storage unit.

In contrast, Dutta is directed to a system in which a user computer stores a bookmark in a bookmark file. However Dutta does not disclose or suggest to store a content of an Internet page in the user computer.

Accordingly, claims 1 and 24 and their dependent claims are believed to be distinguishable over the cited reference.

IV. Request to Remail Office Action:

Concerning the Request to Remail the Office Action and Reset the Time for Reply filed on April 10, 2006, the Applicants have not received any reply to this paper. Consideration of this paper and appropriate correction to the Correspondence Address are respectfully requested.

CONCLUSION

Based on the foregoing amendments and remarks, the Applicants respectfully requests reconsideration and withdrawal of the rejection of claims and allowance of this application.

AUTHORIZATION

The Commissioner is hereby authorized to charge any additional fees which may be required for consideration of this Amendment to Deposit Account No. 13-4500, Order No. 4233-4005.

In the event that an extension of time is required, or which may be required in addition to that requested in a petition for an extension of time, the Commissioner is requested to grant a petition for that extension of time which is required to make this response timely and is hereby authorized to charge any fee for such an extension of time or credit any overpayment for an extension of time to Deposit Account No. 13-4500, Order No. 4233-4005.

Respectfully submitted,
MORGAN & FINNEGAN, L.L.P.

Dated: 6/21/06By: 

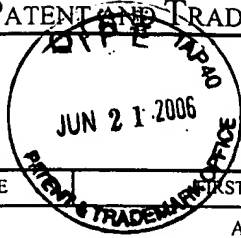
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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/116,932 | 04/05/2002 | Aruna Rohra Suda | 4233-4006 | 3073 |

27123 7590 05/03/2006
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NEW YORK, NY 10281-2101

EXAMINER

SCUDERI, PHILIP S

ART UNIT PAPER NUMBER

2153

DATE MAILED: 05/03/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

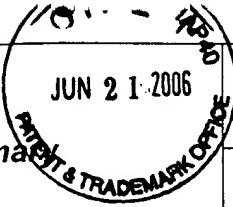
Case 4233-4006 Atty JXH
Due Date 8-3-06
Statutory Date 11-8-06
By DM

related case

X F 05/03/06 P12:45

Office Action Summary

JUN 21 2006



Application No.

10/116,932

Applicant(s)

SUDA ET AL.

Examiner

Philip S. Scuderi

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 April 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3,5-31 and 35-42 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,3,5-31 and 35-42 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)

DETAILED ACTION

This Office action is in response to applicant's amendment filed on 12 April 2006.

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114.

Applicant's submission filed on 12 April 2006 has been entered.

Claim Objections

The objection to claim 5 has been withdrawn because applicant's amendments have overcome the objection.

Response to Arguments

Applicant's arguments filed on 12 April 2006 have been fully considered but they are not persuasive.

Applicant correctly notes that Merriman does not contemplate or care whether information was updated after the time when the information was transmitted to the user. However, the claim limitations that recite these features are not required to meet the claims. For example, claim 1 recites the limitation "controlling said transmission means to select and transmit ... information which has not been transmitted to the terminal yet or which was updated after the time when the

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information was transmitted to the terminal” (emphasis added). The underlined limitation is part of an “or” statement and therefore is not required to meet the claim.

Merriman stores a history of information transmitted to client terminals (column 6, line 60 – column 7, line 14) and inherently stores a time at which the information was transmitted (because the SI is updated to reflect the passage of time; column 7, lines 13-14).

Merriman’s history information also includes the number of times that advertisements have been transmitted (column 7, lines 2-6). Since Merriman limits the number of times advertisements can be transmitted, Merriman must necessarily select information that has not been transmitted to the terminal yet.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 35-37 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent No. 6,993,326 to Link, II et al. (“Link”).

Regarding claim 35, Link teaches a server connectable to at least one client terminals, said server comprising:

receiving means for receiving information provided by a plurality of providers via an internet (column 7, lines 9-30);

transmission means for transmitting information provided by the plurality of providers to said at least one client terminals (column 7, lines 31-50);

history storage means for storing a history of information transmitted to each of the client terminals and a time at which the information was transmitted (column 11, lines 9-15, "Before an advertisement is selected for transmission, the Registration Messaging Processor 63 also reviews the MIN Advertisement History database 84 (which is updated via the Acknowledgement Processor 68), to ensure that the subscriber is not continually receiving the same advertisement information."; the History Database must inherently store some sort of time information in order to ensure that the subscriber is not continually receiving the same advertisement information); and

transmission control means for controlling said transmission means to select and transmit to a terminal, information which has not been transmitted to the terminal yet based on the history stored in said history storage means, from among information provided by the plurality of providers (column 11, lines 9-15, "Before an advertisement is selected for transmission, the Registration Messaging Processor 63 also reviews the MIN Advertisement History database 84 (which is updated via the Acknowledgement Processor 68), to ensure that the subscriber is not continually receiving the same advertisement information."; ensuring that the subscriber is not continually receiving the same advertisement information inherently selects some information which has not been transmitted to the terminal yet).

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Regarding claim 36, the claim is rejected for the reasons discussed in regards to claim 35, and because Link further teaches selecting information from among information provided by the plurality of providers (column 10, line 62 – column 11, line 15).

Regarding claim 37, the claim is rejected for the reasons discussed in regards to claim 36.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1, 3, 5, 6, 8-16, 22-27, 31, and 35-42 are rejected under 35 U.S.C. 103(a) as being unpatentable over European Patent Application Publication No. 837,583 A2 to Simmons (“Simmons”) in view of U.S. Patent No 5,948,061 to Merriman et al. (“Merriman”).

Regarding claims 1, 31, and 35-42, Simmons teaches an information processing system including a server (105) and at least one client terminal (202-203),

said server (105) comprising:

receiving means for receiving information provided by a plurality of providers via an internet (column 4, lines 10-12);

transmission means for transmitting information from the plurality of providers to said at least one client terminals (column 4, lines 15-18);

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each of said at least one client terminals (202-203) comprising:

server information means for receiving information transmitted from said server

(column 4, lines 15-18); and

display means for displaying, while internet information is displayed in a first window by a browser, information received by said server information receiving means in a second window (column 7, lines 44-51).

Simmons does not teach the following features:

a history storage means for storing a history of information transmitted to each of the client terminals and a time at which the information was transmitted; and

a transmission control means for controlling the transmission means to select and transmit to a terminal, information which has not been transmitted to the terminal yet based on the history stored in the history storage means, from among information provided by the plurality of providers.

Nonetheless, storing a history of information transmitted to client terminals and a time at which the information was transmitted and using the history information to select information to transmit which has not been transmitted yet was well known in the art, as evidenced by Merriman.

In a similar art, Merriman teaches an advertisement delivery system that targets advertisements based on a user's browsing history (column 2, lines 26-36) and based on a stored history of information transmitted to client terminals including a time at which the information was transmitted (column 6, line 60 – column 7, line 14). Given the teachings of Merriman, it would have been obvious to one of ordinary skill in the art to store a history of information transmitted to each of the client terminals and a time at which the information was transmitted and to use the history information to select information to transmit which has not been recently transmitted, which would clearly comprise information which has not been transmitted to the terminal yet. The motivation for

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doing so would have been because if users are continually exposed to the same advertisement, the response rate to the advertisement will generally decline, decreasing ad revenues (Merriman, column 1, lines 54-56).

Regarding claim 3, Simmons teaches a second transmission control means for controlling said transmission to select and transmit predetermined information based on a setting for a user of each of said at least one client terminals (column 6, lines 8-19).

Regarding claim 5, Simmons teaches that the server further comprises a setting database for storing the setting for the user of each of said at least one client terminals, and said second transmission control means controls said transmission means based on the setting stored in said setting database (column 6, lines 8-25).

Regarding claim 6, Simmons teaches that the setting database stores a field of information which is wanted by the user of at least one of the client terminals (column 6, lines 39-43).

Regarding claim 8, Simmons teaches that each of said at least one client terminals further comprises setting storage means for storing the setting for the user of respective client terminals (column 9, lines 13-19), and said second transmission control means controls said transmission means based on the setting stored in said setting storage means (column 6, lines 8-25).

Regarding claim 9, the claim is rejected for the reasons discussed above with regards to claim 6.

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Regarding claim 10, the claim is rejected for the reasons shown above with regards to claim 7.

Regarding claim 11, Simmons teaches that each of the at least one client terminals further comprises:

setting storage means for storing the setting for the user of respective client terminals (column 6, lines 8-25); and

reception control means for controlling said server information receiving means to select and receive predetermined information based on the setting stored in said setting storage means (column 6, lines 39-43).

Regarding claim 12, the claim is rejected for the reasons shown above with regards to claim 9.

Regarding claim 13, the claim is rejected for the reasons shown above with regards to claim 7.

Regarding claim 14, Simmons teaches that the second transmission control means controls a length of transmission time (column 12, lines 25-29).

Regarding claim 15, Simmons teaches that the second control means controls the length of transmission time based on a predetermined time interval set by the provider (column 12, lines 25-29).

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Regarding claim 16, Simmons teaches that the second transmission control means controls said transmission means to display a plurality of information, simultaneously (column 7, lines 44-51).

Regarding claim 22, Simmons teaches that each of the client terminals further comprises popup display control means for controlling said display means to display the information received by said server information receiving means in a popup window in response to a popup instruction (column 7, lines 44-51).

Regarding claim 23, Simmons teaches that each of the at least one client terminals further comprises display timing control means for controlling said display means not to display the information received by said server information receiving means at the time the information is received and to display the information later (column 7, lines 33-38).

Regarding claim 24, Simmons teaches that the server further comprises:

internet information acquisition means for acquiring internet information presently displayed by the browser in the first window of said client terminal (column 6, lines 8-25);

generation means for generating information related to a content of the internet information (column 6, lines 8-25); and

related information transmission means for transmitting related information generated by said generation means so as to display the related information with the internet information (column 6, lines 8-25).

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Regarding claim 25, Simmons teaches that the generation means generates the related information by translating text in the internet information (column 6, lines 8-12).

Regarding claim 26, Simmons teaches that the information provided by the providers includes specific type information (advertisements/bulletins; column 4, lines 4-9).

Regarding claim 27, Simmons teaches that the specific information is advertisement information (column 4, lines 4-9).

Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Simmons in view of Merriman, and further in view of US 6,442,529 (hereinafter "Krishan").

Regarding claim 7, Merriman teaches storing a timing setting for displaying advertisement information (column 12, lines 25-29) that would have been obvious for the reasons discussed with respect to claim 1. Simmons-Merriman does not teach that the user sets the timing information. Nonetheless, it was well known in the art to provide an advertisement portal with the ability to set the advertisement timing, as evidenced by Krishan. In a similar art Krishan discloses an advertisement portal that provides the ability to set the ad frequency (column 4, lines 19-27). Given the teachings of Krishan it would have been obvious to one of ordinary skill in the art to enable the users to set the ad timing, thereby allowing users to customize the system to comply with user preferences.

Claims 17, 21, 28, and 29 are rejected under 35 U.S.C. 103(a) as being unpatentable over Simmons in view of Merriman, and further in view of EP 1067470 A2 (hereinafter "Haitsuka").

Regarding claim 17, Simmons does not expressly teach that each client terminal comprises the following features:

information storage means for storing information received from the provider by said server information receiving means; and

offline display means for displaying the information stored in said information storage means in an offline state.

Nonetheless, storing advertisements locally on a client computer for offline display was well known in the art, as evidenced by Haitsuka (column 13, lines 19-46; column 15, lines 16-20). Given the teachings of Haitsuka, it would have been obvious to one of ordinary skill in the art to store advertisements locally on the client for offline display, thereby enabling the advertisement providers to solicit the users at all times.

Regarding claim 18, Haitsuka teaches that the information received is assigned a predetermined index (a position in the playlist; column 13, lines 19-46).

Regarding claim 21, Simmons does not expressly teach that each client terminal further comprises window control means for controlling the display means to display the information received by the server information receiving means in the first window in response to a switch window instruction. However, an advertisement display that enables users to switch the displayed

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advertisements in response to a switch window instruction was well known, as evidenced by Haitsuka (paragraph 0074). Given the teachings of Haitsuka, it would have been obvious to one of ordinary skill in the art to provide each client terminal with window control means for controlling the display means to display the information received by the server information receiving means in the first window in response to a switch window instruction, thereby enabling users to cycle through the advertisements and thus find relevant ads more quickly.

Regarding claim 28, Simmons does not expressly disclose detailed information means for acquiring more detailed information of the information presently displayed, in response to a request for detailed information, and wherein said display means displays the more detailed information. Nonetheless, enabling users to acquire more detailed information of advertised data presently displayed was well known, as evidenced by Haitsuka.

In a similar art, Haitsuka teaches an advertisement display that enables users to “click-through” and load the resource associated with the displayed advertisement. Given the teachings of Haitsuka, it would have been obvious to one of ordinary skill in the art to enable the users to “click-through” the displayed advertisements, thereby enabling the ad providers to generate revenue from the ads.

Regarding claim 29, Haitsuka teaches acquiring the detailed information from a URL of a provider (directly from a provider).

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Claim 19 is rejected under 35 U.S.C. 103(a) as being unpatentable over Simmons in view of Merriman, further in view of Haitsuka, and further in view of US 5,828,374 (hereinafter "Coleman").

Regarding claim 19, Haitsuka does not teach displaying the index assigned to the information received from the provider. Nonetheless, displaying indexes assigned to entries in a list was well known, as evidenced by Coleman (fig. 9). Given the teachings of Coleman it would have been obvious to one of ordinary skill in the art to display an index of the displayed advertisements, thereby enabling the user to return to previously displayed ads quickly and easily.

Claim 20 is rejected under 35 U.S.C. 103(a) as being unpatentable over Simmons in view of Merriman, further in view of Haitsuka, and further in view of US 6,292,473 (hereinafter "Duske").

Regarding claim 20, Simmons-Merriman-Haitsuka-Coleman does not expressly teach storing received information with a day and time when the information was received, and wherein said storing means is able to sort and display the index based upon the day and time. Nonetheless, storing information received from a provider in correspondence with a day and time when the information was received, and sorting and displaying the information based upon the day and time was well known in the art, as evidenced by Duske.

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In a similar art, Duske teaches storing information received from a provider in correspondence with a day and time when the information was received, and sorting and displaying the information based upon the day and time (col. 42 line 62 – col. 43 line 12). Given the teachings of Duske it would have been obvious to one of ordinary skill in the art to store the information received from the provider in correspondence with a day and time when the information was received, and to sort and display the index based upon the day and time. The motivation for doing so would have been to display the ads in the order that they were received from the providers.

Claim 30 is rejected under 35 U.S.C. 103(a) as being unpatentable over Simmons in view of Merriman, further in view of Haitsuka, and further in view of JP 2001134646 A (hereinafter “Shimano”).

Regarding claim 30, Haitsuka does not teach that the acquisition means perceives the site of the provider by referring back to the server. Nonetheless, requesting the URL of an advertisement by referring back to a server that provided the advertisement was well known, as evidenced by Shimano.

In a similar art, Shimano discloses a method for browsing to the provider of an advertisement's web page wherein:

a site ID, an advertisement ID, and an advertisement are transmitted to a browsing computer (see abstract);

the browsing computer requests the URL associated with the site ID and the advertisement ID (see abstract); and

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a URL associated with the advertisement is returned to the browsing computer (see abstract).

Given the teachings of Shimano it would have been obvious to one of ordinary skill in the art to use the method taught by Shimano to request the URL associated with an advertisement by querying the server. The motivation for doing so would have been to quickly and flexibly cope with advertisement information changes by ensuring an accurate link for each advertisement (see Shimano's abstract).

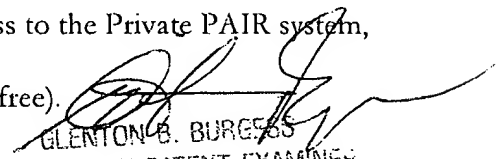
Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Philip S. Scuderi whose telephone number is (571) 272-5865. The examiner can normally be reached on Monday-Friday 9:00 am - 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenton B. Burgess can be reached on (571) 272-3949. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


GLENTON B. BURGESS
UNITED STATES PATENT EXAMINER

| | | |
|---|---------------------------------------|---------------------------|
| FORM PTO-1019A INFORMATION DISCLOSURE CITATION | Attorney Docket: 4233-4006 | Serial No.: 10/116,932 |
| | Applicant: Aruna Rohra SUDA et al. | |
| | Filing Date: April 5, 2002 | Group Art Unit: 2153 |

U.S. PATENT / PUBLICATION DOCUMENTS

| Examiner Initial | | Patent/Publication Number | Publication/Issue Date | Name | Filing Date |
|------------------|-----|---------------------------|------------------------|-------------------|-------------|
| <i>PD</i> | 1. | 6,370,527 | 4/2002 | Singhal | |
| <i>PD</i> | 2. | 6,100,890 | 8/2000 | Bates et al. | |
| <i>PD</i> | 3. | 6,594,682 | 7/2003 | Peterson et al. | |
| <i>PD</i> | 4. | 6,073,135 | 6/2000 | Broder et al. | |
| <i>PD</i> | 5. | 6,067,552 | 5/2000 | Yu | |
| <i>PD</i> | 6. | 6,304,872 | 10/2001 | Chao | |
| <i>PD</i> | 7. | 6,151,624 | 11/2000 | Teare et al. | |
| <i>PD</i> | 8. | 6,697,838 | 2/2004 | Jakobson | |
| <i>PD</i> | 9. | 2003/0160994 | 8/2003 | Bates | |
| <i>PD</i> | 10. | 6,816,880 | 11/2004 | Strandberg et al. | |
| <i>PD</i> | 11. | 6,718,365 | 4/2004 | Dutta | |
| <i>PD</i> | 12. | 6,507,855 | 1-2003 | Stern | |
| <i>PD</i> | 13. | 6,704,741 | 3/2004 | Lively et al. | |
| <i>PD</i> | 14. | 5,371,844 | 12/1994 | Andrew et al. | |
| <i>PD</i> | 15. | 6,112,193 | 8/2000 | Dlugos et al. | |
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| <i>PD</i> | 17. | 6,490,370 | 12/2002 | Krasinski et al. | |
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| <i>PD</i> | 19. | 6,470,381 | 10/2002 | De Boor et al. | |
| <i>PD</i> | 20. | 2002/0065800 | 5/2002 | Morlitz | |
| <i>PD</i> | 21. | 6,493,758 | 12/2002 | McLain | |
| <i>PD</i> | 22. | 4,633,393 | 12/1986 | Rundell | |
| <i>PD</i> | 23. | 2003/0084096 | 5/2003 | Starbuck et al. | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | | Patent Number | Publication Date | Country | Copy Filed | Translation |
|------------------|-----|-----------------|------------------|---------|---|---------------|
| <i>PD</i> | 24. | JP 2001134646 A | 5/2001 | Japan | <input checked="" type="checkbox"/> Yes | Abstract only |

| | |
|--|----------------------------------|
| Examiner <i>PD</i> | Date Considered <i>4/20/2006</i> |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. | |

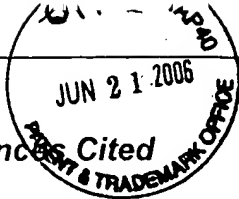
| FORM PTO 1449B INFORMATION DISCLOSURE CITATION | | Attorney Docket: 4233-4006 | Serial No.: 10/116,932 |
|---|-----------------------|--|---------------------------|
| APR 12 2006 PATENT & TRADEMARK OFFICE | | Applicant: Aruna Rohra SUDA et al. | |
| | | Filing Date: April 5, 2002 | Group Art Unit: 2153 |
| NON PATENT LITERATURE DOCUMENTS | | | |
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | |
| RA | 1. | Athman B et al., "World wide database integrating the web, CORBA and Databases, 3 pages. | |
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